

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/004499

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ C07C29/19, 29/145, 35/08, 35/36, 45/00, 49/303,
49/323//B01J23/46, C07B61/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C07C29/19-29/20, 29/145, 35/08, 35/36, 45/00, 49/303,
49/323//B01J23/46, C07B31/00, 61/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 2000-117104 A (Bayer AG.), 25 April, 2000 (25.04.00), & EP 993866 A1 & DE 19847792 A1 & CA 2285828 A1	1-6, 8-15 7, 16-18
X Y	JP 2002-186854 A (Nippon Shokubai Co., Ltd.), 02 July, 2002 (02.07.02), (Family: none)	1-6, 8-15 7, 16-18
Y	JP 10-168021 A (F. Hoffmann-La Roche AG.), 23 June, 1998 (23.06.98), & EP 841314 A1 & US 6002047 A & DE 59709382 T2 & BR 9705452 A & CN 1182067 A & ES 2191142 T3	7

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
16 June, 2004 (16.06.04)

Date of mailing of the international search report
06 July, 2004 (06.07.04)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 11-315037 A (Bayer AG.), 16 November, 1999 (16.11.99), & EP 939070 A1 & US 6255530 B1 & DE 19807995 A1	7
Y	JP 3-173842 A (Firmenich S.A.), 29 July, 1991 (29.07.91), & EP 427965 A2 & CA 2028385 A1 & DE 69009682 T2 & ES 2057314 T3 & US 5107038 A & US 5160498 A	16-18